FIG. 1

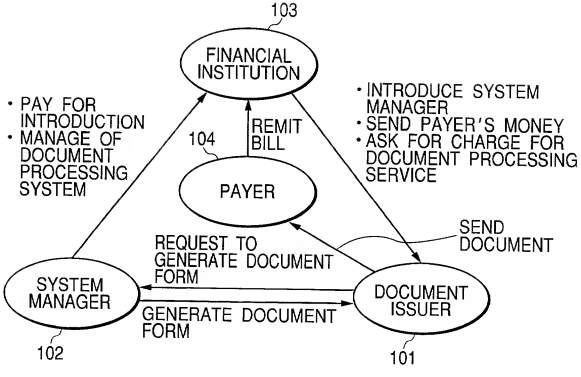

103
FINANCIAL INSTITUTION
• PAY FOR INTRODUCTION
• MANAGE OF DOCUMENT PROCESSING SYSTEM
104
REMIT BILL
• INTRODUCE SYSTEM MANAGER
• SEND PAYER'S MONEY
• ASK FOR CHARGE FOR DOCUMENT PROCESSING SERVICE
PAYER
SEND DOCUMENT
REQUEST TO GENERATE DOCUMENT FORM
SYSTEM MANAGER
DOCUMENT ISSUER
GENERATE DOCUMENT FORM
102
101

FIG. 2

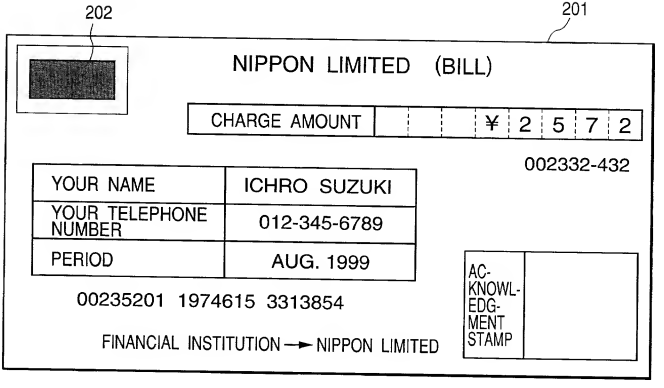
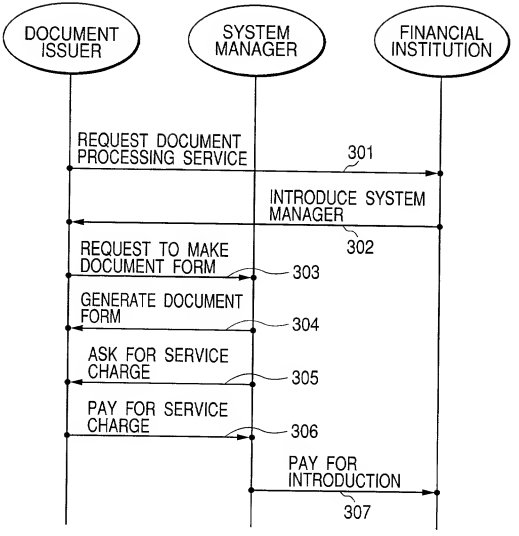

202
201
NIPPON LIMITED (BILL)
CHARGE AMOUNT
¥ 2 5 7 2
002332-432
YOUR NAME
ICHRO SUZUKI
YOUR TELEPHONE NUMBER
012-345-6789
PERIOD
AUG. 1999
00235201 1974615 3313854
FINANCIAL INSTITUTION → NIPPON LIMITED
AC-KNOWL-EDG-MENT STAMP

FIG. 3



Document Printed

FIG. 4

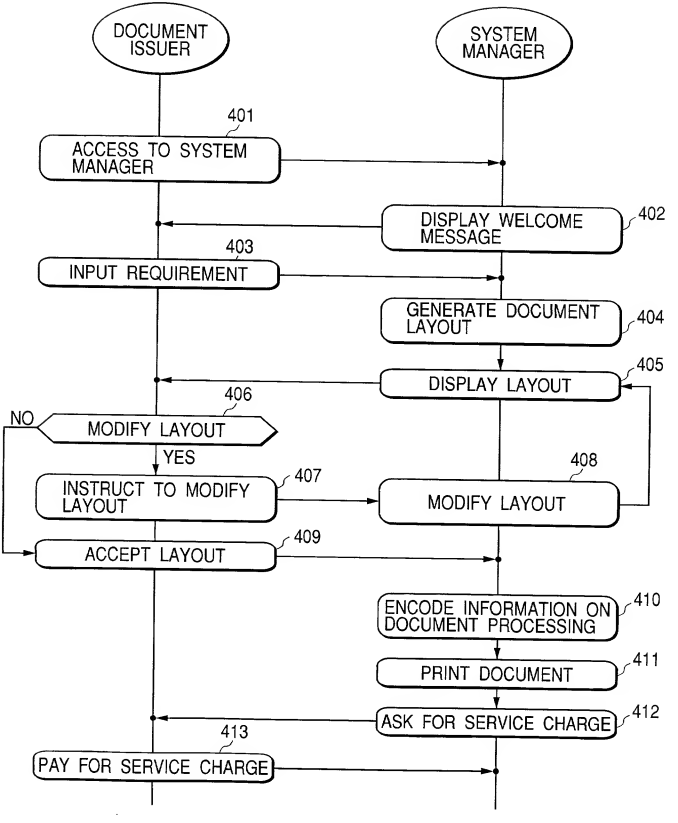

DOCUMENT ISSUER
SYSTEM MANAGER
401
ACCESS TO SYSTEM MANAGER
DISPLAY WELCOME MESSAGE
402
403
INPUT REQUIREMENT
GENERATE DOCUMENT LAYOUT
404
405
DISPLAY LAYOUT
406
NO
MODIFY LAYOUT
YES
408
INSTRUCT TO MODIFY LAYOUT
407
MODIFY LAYOUT
409
ACCEPT LAYOUT
ENCODE INFORMATION ON DOCUMENT PROCESSING
410
PRINT DOCUMENT
411
ASK FOR SERVICE CHARGE
412
413
PAY FOR SERVICE CHARGE

FIG. 5

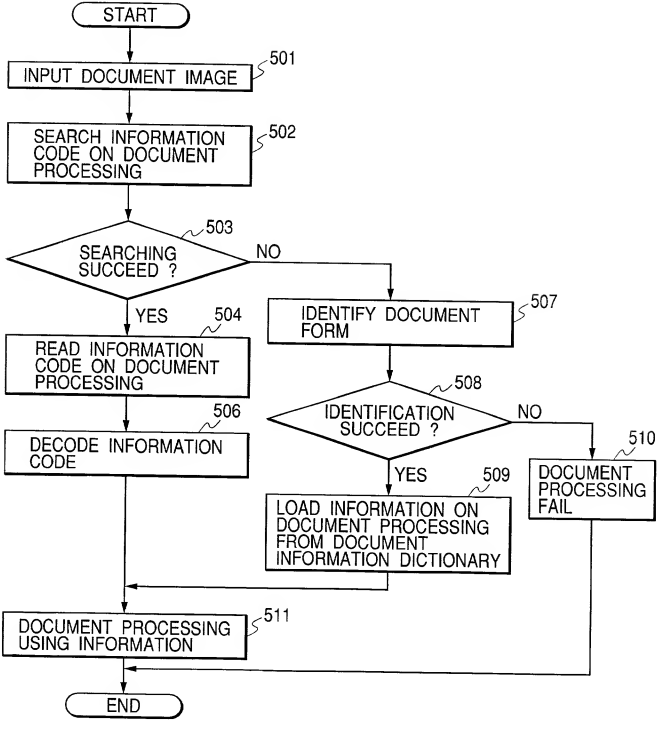

START
INPUT DOCUMENT IMAGE
501
SEARCH INFORMATION CODE ON DOCUMENT PROCESSING
502
SEARCHING SUCCEED ?
503
NO
YES
READ INFORMATION CODE ON DOCUMENT PROCESSING
504
DECODE INFORMATION CODE
506
IDENTIFY DOCUMENT FORM
507
IDENTIFICATION SUCCEED ?
508
NO
YES
LOAD INFORMATION ON DOCUMENT PROCESSING FROM DOCUMENT INFORMATION DICTIONARY
509
DOCUMENT PROCESSING FAIL
510
DOCUMENT PROCESSING USING INFORMATION
511
END

FIG. 6

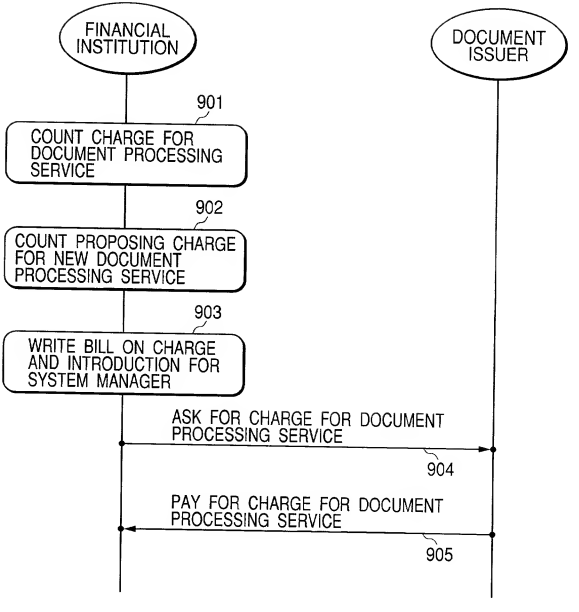

FINANCIAL INSTITUTION
DOCUMENT ISSUER
901
COUNT CHARGE FOR DOCUMENT PROCESSING SERVICE
902
COUNT PROPOSING CHARGE FOR NEW DOCUMENT PROCESSING SERVICE
903
WRITE BILL ON CHARGE AND INTRODUCTION FOR SYSTEM MANAGER
ASK FOR CHARGE FOR DOCUMENT PROCESSING SERVICE
904
PAY FOR CHARGE FOR DOCUMENT PROCESSING SERVICE
905

FIG. 7

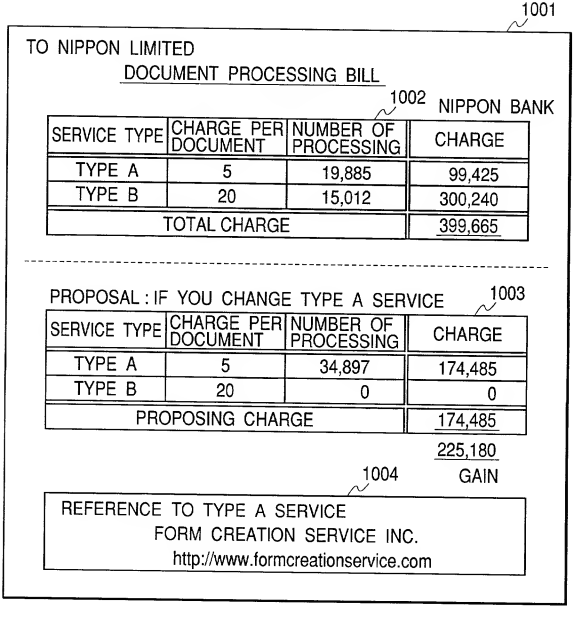

1001
TO NIPPON LIMITED
DOCUMENT PROCESSING BILL
1002
NIPPON BANK
SERVICE TYPE
CHARGE PER DOCUMENT
NUMBER OF PROCESSING
CHARGE
TYPE A
5
19,885
99,425
TYPE B
20
15,012
300,240
TOTAL CHARGE
399,665
PROPOSAL : IF YOU CHANGE TYPE A SERVICE
1003
SERVICE TYPE
CHARGE PER DOCUMENT
NUMBER OF PROCESSING
CHARGE
TYPE A
5
34,897
174,485
TYPE B
20
0
0
PROPOSING CHARGE
174,485
225,180
GAIN
1004
REFERENCE TO TYPE A SERVICE
FORM CREATION SERVICE INC.
http://www.formcreationservice.com

FIG. 8

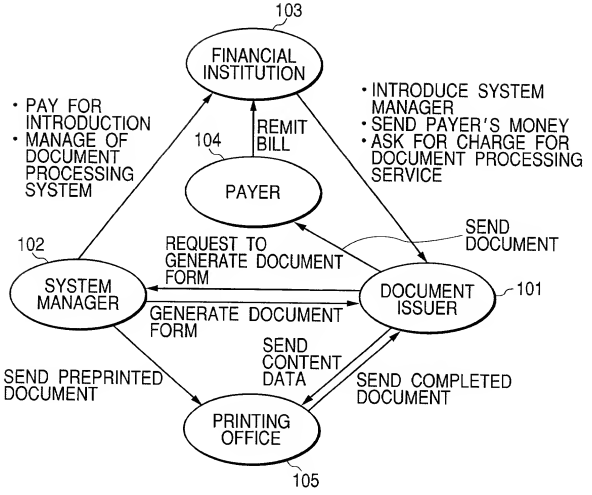

103
FINANCIAL INSTITUTION
• PAY FOR INTRODUCTION
• MANAGE OF DOCUMENT PROCESSING SYSTEM
REMIT BILL
104
PAYER
• INTRODUCE SYSTEM MANAGER
• SEND PAYER'S MONEY
• ASK FOR CHARGE FOR DOCUMENT PROCESSING SERVICE
SEND DOCUMENT
REQUEST TO GENERATE DOCUMENT FORM
102
SYSTEM MANAGER
DOCUMENT ISSUER
101
GENERATE DOCUMENT FORM
SEND CONTENT DATA
SEND PREPRINTED DOCUMENT
SEND COMPLETED DOCUMENT
PRINTING OFFICE
105

FIG. 9

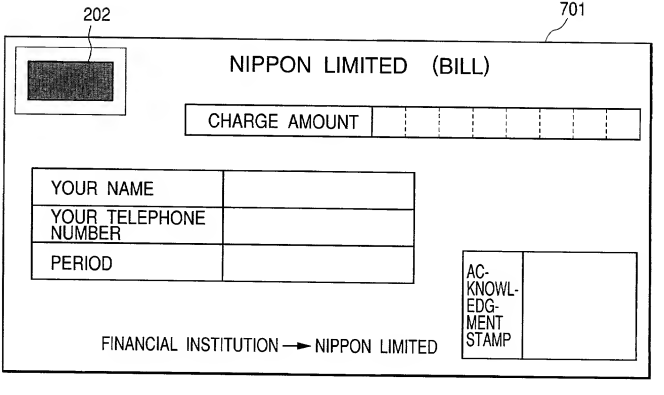
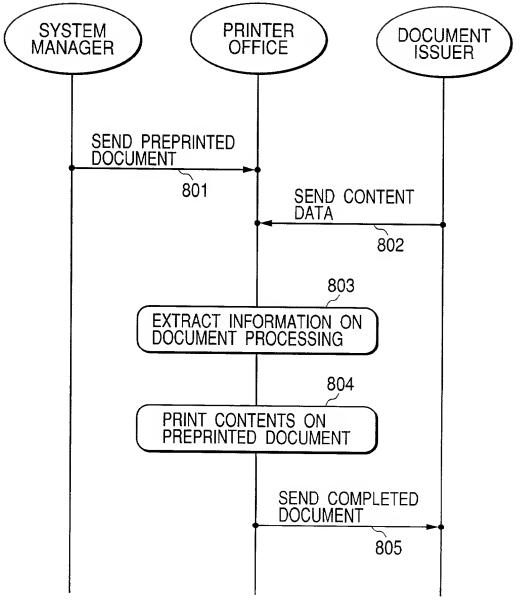

202
701
NIPPON LIMITED (BILL)
CHARGE AMOUNT
YOUR NAME
YOUR TELEPHONE NUMBER
PERIOD
AC-KNOWL-EDG-MENT STAMP
FINANCIAL INSTITUTION → NIPPON LIMITED

FIG. 10



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